

Method for Detecting a Conductor in the Sea
from Mid-Air, by Hideyuki Kikuchi, Shigeko
Kikuchi. UNCLASSIFIED

JAPANESE, Patent appl, 1957.

Navy 2531/BuShips 670

Sci - Geophysics
Jan 60

118,704

12
Scientifically Organising Production, Labor,
by M. Florescu, C. Hides, 6 pp.
ROMANIAN, np, Viata Economica, Bucharest,
25 Oct 1968, p 9.
JPRS 47,063

EE/Romania
Econ
Jan 69

372,216

C. Hides

Work to Expand Port of Durres Continues With
Haste, by Shaban Hidri, *Upe.*

ALBANAIN, np, Zeri i Popullit,

*/**ACSI I-2659-B
ID 2235107

EEur - Albania
Geog
May 63

Sympathetic Tonus and Electrical Activity of
the Cortex, by M. Bonvallet, P. Dell, G. Hiebel,
36 pp.

FRENCH, per, EEO and Clin Neurophysiology, Vol
VI, 1954, pp 119-144.

NIH 6-20

Sci - Med
Jul 58

67,544

WENTZUP, H.
HEISEL, G.

Technische Mitteilungen Krupp, A, Forschungs-
Berichte, vol. 2, 12 figures, 1 table, 4600 words;
1938.

Reactions Between Aluminum and Oxygen in Iron Melts.

Brutcher Trans, Order No. 1033, Cl.60.

A-4107

New Views on the Formation and Constitution of
Iron Carbonyls Containing Ethylenodiamine.
(Metallic Carbonyls Part LXXIX, by W. Heber,
et al.

GERMAN, per, Chemische Berichte, Vol XC,
1957, pp 278-286.

CSIRO

Sci - Chem
Aug 62

211, 326

Metal Castings: Communication 34, Munich: Penta-
Castings, by W. Heber and E. Fuchs.
GEMM, per, Refined for Army and Allgemeine
Chemie, 1941, vol. 205, nos. 155-156.
NZA 11-6-20239

A Heber

Chem
Aug 66

307,772

Hieber, W., Sedlmeier, J., and Abeck, W.
METAL CARBONYLS (112). LVIII. THE REACTION
OF COBALT TETRACARBONYL WITH VARIOUS
BASES. [1961] 12p.
Order from ATS \$16.75 ATS-75N51G

Trans. of [Chemische] Ber[ichte] (West Germany)
1953, v. 86, p. 700-710.

DESCRIPTORS: *Metallic compounds, *Carbonyl
radicals, Cobalt compounds, Chemical reactions.

(Chemistry--Organic, TT, v. 6, no. 4)

61-22646

I. Hieber, W.
II. Sedlmeier, J.
III. Abeck, W.
IV. ATS-75N51G
V. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Mangnesepentacarbonylhydrogen, HMn(CO)_5
by W. Hieber, G. Wagner.
GERMAN, per, Zeit fur Naturforschung Vol XIIIb
No 6, 1958, pp 339-347.
SLA TT 64-30116

W. Hieber

May 67 325,022

Metal Carbonyls: IX: The Metal Hexacarbonyls of
the Chromium Group; Their Method of Formation and
the Reaction Mechanism of These Methods, by
W. Hieber, E. Rosenberg, 9 pp.

GERMAN, par. 2. Anorg und Allgem Chem, Vol CCXXI,
1935, pp 321-331.

AEC Tr 2673

Sci - Chemistry
Jan 57 CTS

42,180

10/1 50/1

The Present Status of Metal Carbonyl Chemistry,
by W. Hieber, 39 pp.

GERMAN, per, Die Chemie, Vol LV, 1942, pp 7-11,
24-28.

SLA Tr 3668

Sci - Chemistry
Oct 57

54,115

On Metallic Carbonyl, by W. Hieber, 16 pp.

GERMAN, per, Z Elektrochem, Vol XLIII, Jun
1937, pp 390-397.

SLA Tr 57-868

Sci - Chemistry
Oct 57

54,114

Hieber, W.
THE PRESENT STATUS OF THE CHEMISTRY OF
THE METAL CARBONYLS. V. GENERAL QUES-
TIONS OF VALENCE AND STRUCTURE. VI. THE
METAL CARBONYLS IN THE PERIODIC SYSTEM.
[1963] 26p. 47 refs.

Order from SLA \$2.60

63-14000

Trans. of die Chemie (Germany) 1942, v. 55, no. 3/4,
p. 24-28.

DESCRIPTORS: *Complex compounds, *Metallic com-
pounds, *Carbonyl radicals, Chemistry, Valence,
Molecular structure, Theory, Chemical properties,
Periodic variations.

(See also 63-10984)

(Chemistry--Inorganic, TT, v. 10, no. 4)

63-14000

I. Hieber, W.
II. Title: General...
III. Title: Metal...

Office of Technical Services

Hieber, W. and Wiesboeck, R.
REACTIONS OF COBALT TETRACARBONYL WITH
VARIOUS BASES, V. [1961] 6p.
Order from ATS \$8.90 ATS-74N51G

Trans. of [Chemische Ber[ichte] (West Germany) 1958,
v. 91, p. 1156-1161.

DESCRIPTORS: *Cobalt compounds, *Carbonyl radicals,
Hydroxides, Chemical reactions

(Chemistry--Inorganic, TT, v. 6, no. 3)

61-22635

- I. Hieber, W.
- II. Wiesboeck, R.
- III. ATS-74N51G
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Hieber, W. and Wiesboeck, R.
REACTIONS OF COBALT TETRACARBONYL WITH
VARIOUS BASES, IV. [1961] 11p.
Order from ATS \$15.85 ATS-73N51G

Trans. of [Chemische] Ber[ichte] (West Germany) 1958,
v. 91, p. 1146-1155.

DESCRIPTORS: *Cobalt compounds, *Carbonyl radicals,
Chemical reactions, Hydroxides.

(Chemistry--Inorganic, IT, v. 6, no. 3)

61-22636

I. Hieber, W.
II. Wiesboeck, R.
III. ATS-73N51G
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Metal Carbonyls. LII. Mechanism of the Carbon Monoxide Reaction of Nickel (II) and Cobalt (II) Salts in the Presence of Dithionite, by W. Hieber, E. O. Fischer, 25 pp.

GERMAN, per, Z. Anorg u. Allgem Chem, Vol CCLXIX, pp 292-307, 1952.

SIA 3288

Sci - Chem
Aug 58

70,498

- TT-65-14500

Field 7B

Hieber, W., Kriehner, K., Schulten, H.
RECENT WORK IN THE FIELD OF METAL CARBONYLS;
METAL CARBONYL HYDRIDES, 5p, 9 refs.
Order from SLA: \$1.10 as TT-65-14500

Trans. of Angewandte Chemie (Germany) v49 n23 p163-4
1936.

MH 6-9

Reactions of Iron Pentacarbonyl with Various H- Bases.
II. Formation of Mainly Binuclear Carbonyl Ferrates, by
by Walter Hoyer, Norbert Kahlen,
Hieber

GERMAN, per, Chem Berichte, Vol XCI, No 10, pp 2234-
2236. 1958

C.S.I.R.O.

Sci - Chem

May 60

116,423

Chemical Explosion Produced in the High
Atmosphere, by J. E. Blauont, J. Hieblot,
E. Selzer.

FRENCH, per, Compt Rend, Vol OCLII, 1961,
pp 3317-3318.

NASA TT F-8155

Sci

7 Mar 62

185,892

US GOV'T ONLY

Vacuum Heat Exchangers, by W. Hiebsch, 14 pp.

CZECH, per, Slaboproudy Obser, Vol XX, No 1, 1959,
pp 8-12.

UHASTA H-6629a

Sci - Electronics
Dec 60

133,985

INTRODUCTION OF BEST-TIME CATALOGUES, AND
FURTHER DEVELOPMENT OF BEST TIMES, BY
WILHELM HIECH, WOLFGANG NIMZ, 8 PP.

GERMAN, PER, ARBEIT UND SOZIALFURSORGE, NO 21,
NOV 1962, PP 479-483.

JPRS 17229

EEUR - GERMANY
ECON ,
JAN 63

220,399

Group for Combatting Inhumanity, by Manfred Hiecke,
34 pp. (ID 1297458) UNCLASSIFIED

GERMAN, pamphlet, Kampfgruppe gegen Unmenschlichkeit,
1953.

ACSI, H-1121

EEur - Germany

Pol

Jun 58

65,745

Hiedemann, E. A. and Spence, R. D.
ON A UNIFIED THEORY OF RELAXATION
PHENOMENA. (1963) 18p. (figs. refs. omitted).
Order from SLA \$1.60 63-14649

Trans. of Zeit[schrift] f[ür] Physik (West Germany)
1952, v. 133, p. 109-117.

DESCRIPTORS: Materials, *Elasticity, *Stresses,
Deformation, *Relaxation time, Theory, Linear
systems, Analog systems, Harmonic analysis,
*Statistical functions.

The concept of relaxation signifies in its present day
form a property of the response of linear systems. The
assumption of causal succession of events in which the
response must, as the effect, follow the cause, namely,
the excitation of the system---is sufficient for the
derivation of a unified theory of relaxation phenomena.
The derivation presented in this paper is based on func-
(Mechanics, TT, v. 10, no. 7) (over)

63-14649

I. Hiedemann, E. A.
R. D. Spence, R. D.

1247503

Office of Technical Services

Fresnel's Diffraction Phenomena With Waves at the
Water Surface and With Ultrasonic Waves, by E.
Grossman, E. Hiedemann, 9 pp.

GERMAN, Escuela Politecnica, Quito, Ecuador, and
Abteilung fur Elektrolytforschung an der Universitat
Koln, May 1934.

34,416

S.L.A. No 201/1956

Scientific - Physics

WIEDEMANN, E.

Stahl Und Eisen, vol. 56, 6 figures, 3300 words;
1936.

Supersonic Waves.

Butcher Trans, Order No. 1642, Ch.10.

A 4109

Physical-Chemical Effects of Super-Sonic Waves,
by Egon Hiedemann, 17 p.

GERMAN, per, Archiv fur das Eisenhüttenwesen,
1938, Vol XII, No 4, pp 185-193.

SLA 59-17669

Sci
Feb 60
Vol 2, No 10

108,918

Steam Cycles in Power Stations, by H. Hiedl.

UNKNOWN, World Power Conference. 9th Vienna, 1956,
Section G. Paper 25 G1/4.

ASLID-42153

Sci

Aug 59

95, 2 81

53
Fractionation of Starch, by P. Kienstra,
W. C. Bus.
GERMAN, par, die Stärke, Vol 8, 1956,
pp 235-251.
REC-69-16238-07A

P. Kienstra

Sci-Chem
Feb 70

403,010

Malaria Eradication in Bac Giang,
by Pham Hien, 3 pp.

VIETNAMESE,np, Nhan Dan, 6 Oct 1962, p 3.

JPRS 16694

FE - Vietnam

Soc

Sci - Med

Dec 62

Calculation of Parameters of Experimental Spectra of
Resonance Absorption of Gamma Quanta in Crystals, by
G.A. Bykov and Pham Zuy Hien, 6 pp.

RUSSIAN, per, Zhur Eksp. i Teoret. Fiz., Vol XLIII,
No 3, 1962, pp 909-918.

Amer Inst of Phys
Sov Phys - JETP
Vol XVI, No 3

Sci

233,182

Apr 63

Silicone Treatment of Roofing Tiles, by H. Hlendl,

GERMAN, per, Deutsches Dachdecker Handwerk, No 13,
1960,

GB/39/Ho 1437

Sci

Feb 63

Kinetics of Thermal Decomposition of Limestone
in Various Pressures of Carbon Dioxide, by
Niechaki Tagawa, Fuminki Sudo, 15 pp.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol LXI,
No 8, 1958, pp 946-948.

SLA 59-10513

Sci
Doc 50
Vol 2, No 4

102, 713

(NY-4861)

An Important Step Forward in Our Industrial
Development, by Le Niep, 8 pp.

Vietnamese, np, Doc Lap, No 474, 30 Jul 1960,
pp 5, 9.

JPRS 5580

FE - Vietnam

Econ

128,369

Oct 60

Galvanomagnetic Properties of InSb In Strong
Magnetic Fields, by H. Hieronymus, H. Weiss,
16 pp.

GERMAN, per, Solid State Electronics, Vol 5,
1962, pp 71-84. 9225395
ACSTL/64/325

Sci - Electronics
May 65

280,367

Galvanomagnetic Properties of InSb in Strong
Magnetic Fields, by H. Hieronymus, H. Weiss,
16 pp.

GERMAN, per, Solid State Electronics, Vol 5,
1962, pp 71-84. 9225395

ACBIL/64/325

Sci - Electronics
May 65

280,967

(NY-5545)

Standardisation of Agricultural Machinery and
Tractors, by K. Hieronimus, 5 pp.

GERMAN, per, Deutsche Agrartechnik, Vol X, No 8,
1960, pp 337, 338, 357.

JPRS 7694

EEur - Germany

Econ

144,681

Mar 61

The Measurement of Very Small Magnetic Fields
by Means of Hall Generators, by H. Hieronymus,
H. Weiss. UNCL

GERMAN, per, Siemens Z, Vol VIII, 1937,
pp 404-409. CIA 9037940

ACBIL 1084

Sci - Phys
Apr 59

84,792

101
The Optics and Structure of Cathode Sputtered
Layers with Special Reference to Reaction
with the Residual Gas, by L. Hiesinger,
H. Konig.

GERMAN, per. 'Festschr. 100 Jahre Deutsche
Plattenschmelze', 1951, pp 376-391.
All Ref: 5809.93 (TII/T.5202)

L. HIESINGER

Sci-Phys
Jan 69

372,602

Optical and Structural Properties of Sputtered
Films With Special Consideration of the Reaction]
With the Residual Gas, by L. Riesinger, H. Koenig,
8 p.

GERMAN, mono, Festschrift 100 Jahrigen Jubilaeum
W. C. Heraeus, G. m. b. H. Frankfurt A. M. 1951,
pp 376-392.

SLA 59-17805

107,050

Sci

Feb 60

Vol 2, No 9

(HY-6400/8)

Reader's Opinions ~~ME~~ on High School
Teachers' Working and Living Conditions,
by Nguyen, Hieu, 3 pp.

VIETNAMESE, np, Nhan Dan, 22 Apr 1961, p 4.

JPRS 9843

FE - Vietnam
Soc
Sep 61

7
265,360

**Asymptotic Relations Between Polarizations
in Crossed Scattering, by N. N. Bilen'kiy,
Nagoya Univ. Japan, 5 pp.
RUSSIAN, per, Amer Phys J Soviet Ed.,
Vol. XXV, No 3, 1964, pp 1098-1105.**

**Amer Inst of Phys
Soviet Phys - JETP
Vol. XX, No 3**

**Sci
Oct 64**

287,765

On a Recording Salinity Meter Using Silver-Silver
Chloride Electrodes, by R. Higano.

JAPANESE, per, Hydrographic Bulletin, Tokyo,
No 57, 1958, pp 10-14.

REL M 5146

Sci - Earth Sci & Astron
May 63

229,560

Polyurethane Elastic Fibers, by T. Higashi, 94
JAPANESE, per, Yuki Gosei Kagaku Kyokai
SHI, Vol XXVIII, No 3, 1965, pp 696-703.
ALL 5826.4F (5907)

Sci- Materials
Apr 67

324,443

Chromatographic Determination of Insuline Potency,
by T. Asaka and K. Higashi, 5 pp.

JAPANESE, per, J Pharm Soc Japan, Vol LXXIV, No
7, Jul 1954, p 788.

SLA 57-3041

sta

Aug 58

71,273

Programming for Numerically Controlled Machine
Tools, by T. Katagiri, Y. Higashi.

JAPANESE, per, Mitsubishi Electric, Vol 45, No 5,
1963, pp 96-98.

REL/6075.461 1965 1604

Y. HIGASHI

Sci -
Aug 67

335,800

103
Approximation of the Transfer Characteristics
of the Parallel-T RC Network, by
M. Higashiguchi,
JAPANESE, per, Denshi Tsushin Gakkai Ronbun,
Vol XL, 1967, pp 541-546.
NLL 5207 (1193)

M. Higashiguchi

Sci-~~XXXXXXXX~~ Electr
Jul 67

329,171

(DC-5249)

**E The Soviet Union and the Chinese Communist
Army After Marshal Nedelin's Death, by Akira
Higashikata, 6 pp. OFFICIAL USE ONLY**

**JAPANESE, per, Toho Sangokkan, No 24, 16 Dec
1960, pp 14-18.**

**JPRS 8156
COPYRIGHT**

153,569

**FE - China
USSR
Mil
Jun 61**

Higashimura, Toshinobu and Okamura, Seiso.
THE BEHAVIOR OF VINYL ACETATE AND ACRYLIC
ACID DERIVATIVES IN CATIONIC POLYMERIZATION.
[1961] 15p. 13 refs.
Order from SLA \$1.60

61-16518

Trans. of Kôbunshi Kagaku (Japan) 1960, v. 17, no. 186,
p. 635-640.

DESCRIPTORS: *Polymerization, Copolymerization,
*Styrenes, Vinyl radicals *Acetates, Acrylic resins,
Chemical reactions, Carbon, ions.

The cationic homopolymerization and copolymerization
of styrene and vinyl monomers which are less active
than styrene and have side chains stabilizing the carbon-
ium ions, i. e., vinyl acetate (VAc), methyl methacry-
late (MMA), and methyl acrylate (MA), were studied.
These monomers retarded the polymerization of styrene
extremely and it was presumed that not only transfer
and/or termination by these monomers but the reaction
(Chemistry--Organic, TT, v. 6, no. 6) (over)

61-16518

I. Higashimura, T.
II. Okamura, S.

Office of Technical Services

Study of 1,3,4-Thiadiazole Derivatives. III.
Synthesis of 2-Aminothiadiazole Derivatives,
by N. Ohta and T. Higashimura, 4 pp.

JAPANESE, per, J Pharm Soc Japan, Vol LXXII,
No 3, 1952, pp 376, 377. CA 47, 3836a.

SEA/MS-55743

Sci

Jul 58

Acad Tech Serv
68,471

Solubilities in the System Potassium Chloride - Glucose -
Water at 25°, by A. K. Zhdanov, K. G. Higai, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 8,
1956, pp 2134-2136.

Consultants Bureau

Sci - Chem

Dec 57

56,566

^t
Studies on the Anodic Dissolution of Metals I- On the
Anodic Dissolution of Copper-silver Alloys in
Acid-Sulphate Solutions, by H. Ito, K. Higashi.

JAPANESE, per, Nippon Kasei Gakki-Shi, 1951, pp
227-229.

INDOC-21726

Sci

Aug 59

94,214

The Treatment of Mental disease
With Prolonged Sleep induced With
Sulfonal, by M. Higasi.
RUSSIAN, per Zhur Nevropatologii i
Psikhiatrii Imeni S. S. Korsakova,
Nol57, 1957, pp 220-224.
NII 11-67-64
(Loan)

M. Higasi

Sci-B&H
Aug 65

286,199

Physiological Studies on the Flower Formation
of Tobacco, by S. Higase.

JAPANESE, Proceedings of the Crop Science
Society, Vol XVIII, No 1, 1959, pp 101-103.

CSIRO 5376

Sci - Biol
Aug 62

211, 177

Physiological Studies on Flower Formation in
Tobacco. Effect of Waterlogging on Growth
Reactions After Transplanting, by S. Higase.

JAPANESE, Proceedings XI of the Crop Science
Society, Vol XXVII, No 2, 1958, pp 299-301.

CSIRO 5375

Sci - Biol
Aug 62

211, 170

Higashi, Koshiro, and Tsukamoto.
SEPARATION DE LA PARTIE SOLIDE DES ACIDES
GRAS, DES GRAISSES OU DES CIRES (Separation of
Solids from Fatty Acids, Fats or Waxes). Sp. FX-632.
Order from OTS, ETC or CNRS \$0.80 62-26479

Trans. in French of [published] Japanese patent 2685-
1960 by Compagnie de Poissonneries de Taya,
Chiyotaku, pub. 24 Mar 60.

DESCRIPTORS *Fats, *Fatty acids, *Waxes, Solids,
Liquids, Detergents, Oil filters.

(Chemistry, TT, v. 10, no. 7)

62-26479

- I. Higashi.
- II. Koshiro
- III. Tsukamoto
- IV. Patent (Japan) pub. 35-2685
- V. FX-632
- VI. Centre National de la
Recherche Scientifique
(France)

1247437

Site of Publication

The Molecular Structure of 2, 2'-Dihalo(diphenyl
Ether, by K. Higashi, et al.

JAPANESE, per, Bull Inst Phys Chem Research, Tokyo,
Vol XXIII, 1944, pp 788-790.

Assoc Tech Serv JJ-1426
" " " 80X24J

Sci - Chem

Apr 59

85,309

Analytical Separation of Insulin from Whale Pan-
creas with Partition Chromatography, by Y. Sasano,
K. Higashi, 5 pp.

JAPANESE, per, J Pharm Soc Japan, Vol LXXVI, Dec
1956, pp 1359-1361.

SLA 57-2304

Jul 58

70,068

Determination of Microgram Quantities of Thorium (Continued), by M. Ishibashi, S. Higashi, 5 pp.

JAPANESE, per, Japan Anal, Vol IV, 1955, pp 14-16.

Assoc Tech Ser 4889J

Jul 58

69, 920

Higashimura, T., Sunaga, Y., and Okamura, S.
 LOW TEMPERATURE CATIONIC POLYMERIZATION
 OF ALKYL VINYL ETHERS AND THE PROPERTIES
 OF THE POLYMERS OBTAINED. [V] SOME LOWER
 ALKYL VINYL ETHERS AND THE PROPERTIES OF
 THE POLYMERS. [1961] 12p. 10 refs.
 Order from RIS \$16.00 RIS rept. 61118

Trans. of [Kobunshi Kagaku] (Japan) 1960, v. 17,
 no. 180, p. 257-262.

DESCRIPTORS: *Polymerization, Vinyl radicals,
 *Ethers, *Polymers, Physical properties, Alkyl
 radicals.

(Chemistry--Organic, TT, v. 6, no. 5)

61-22968

I. Higashimura, T.
 II. Sunaga, Y.
 III. Okamura, S.
 IV. Title: Some...
 V. RIS-61118
 VI. Research Information
 Service, New York

Office of Technical Services

Higashimura, T. Kodama, T., and Okamura, S.
 LOW-TEMPERATURE CATIONIC POLYMERIZATION
 OF ALKYL VINYL ETHERS AND THE PROPERTIES
 OF THE POLYMERS OBTAINED. IV. INFLUENCE
 OF THE POLYMERIZATION CONDITIONS ON THE
 PROPERTIES OF THE POLYVINYL ISOBUTYL
 ETHER. [1961] 13p. 11 refs.
 Order from RIS \$13.00

RIS rept. 61119

Trans. from Kobunshi Kagaku (Japan) 1960, v. 17,
 no. 179.

DESCRIPTORS: *Polymerization, Vinyl radicals,
 *Ethers, *Polymers, Physical properties, Butyl radi-
 cals, Alkyl radicals

(Chemistry--Organic, TT, v. 6, no. 5)

61-22969

I. Higashimura, T.
 II. Kodama, T.
 III. Okamura, S.
 IV. Title: Influence...
 V. RIS-61119
 VI. Research Information
 Service, New York

Office of Technical Services

Process for Manufacturing Crystalline
Polymer of Vinyl-Allylketone, by Seizo
Okamura, Toshinobu Higashimura, 1 30-
JAPANESE, patent, 12534/1963, 1964.
SA Code-1-381

Toshinobu Higashimura
334.771

Sci
Aug 67

Reduction of Iron Ores by Nitrogen - Carbon
Monoxide - Hydrogen, by A. Isimitu,
A. Sigemi, T. Higasi.

JAPANESE, per, Tetsu To Hagane, Vol XLV,
No 9, 1959, pp 893-895.

HB 5285

Sci - Chem

Jan 62

178,326

On a new Nonmagnetic Dynamic Mass
Spectrometer, by H. J. Hertzberger,
et al.

127
GERMAN, rpt. Osterreichische
Studien Gesellschaft fur Atomenergie
G.M.B.H. 10 pp.
NASA TT F-10,485

M. J. Hertzberger

Sci-Phys
Jan 67

317,837

BCG Vaccination in Ecuador, by J. Perez, J. Higgins,
V. Castaneda, 12 pp.

SPANISH, per, Hoja Fisiologica, Vol X, No 2,
Jun 1950, pp 159-168.

SLA Tr 2585

Sci - Medicine
Jan 58

57,326

Experimental and Clinical Verification of the
Possibility of Combined Vaccination Against
Variola and Tuberculosis, by J. A. Higgins,
V. Castaneda, 11 pp.

SPANISH, per, Revista Medica de Cordoba,
Vol XXXVII, Mar 1949, pp 110-119.

NIH Tr 4-39

Sci - Medicine
May 1957 CFS/dex

47,516

A Case of Tay-Sachs Idioty Complicated
by Internal Hydrocephalus, by H. Migler.
POLISH, per, Neurologia Polska, No 1,
1910, pp 93-94.
MIN 11-58-64

Sci-USA
Jul 68

H. Migler
286,192

Familial Cerebellar Ataxia of Infancy and
The Tay-Sachs Disease, by H. Hager.

83

POLISH, per, Wodycynski, Casop Ty dla
Lekarzy Praktycznych, No 35, 1967,
pp. 591-599.

aka 11-56-64

H. Hager

Sci-864

Jul 65

286,190

I. The Tay-Sachs Disease (Paralytico-
Amaurotic Family Idiocy). by

H. Higier.

POLISH, per, Gazeta Lekarska, Vol XXII,
No 3, 1902, pp 54-62.

NIH 11-49-64

H - Higier

Sci-B&M

Jul 65

286,185

Dielectric Properties of Substances in the Sorbed
State (Report No 2) Anomalous Dispersion in i-amyl
Alcohol Sorbed on Titanium Oxide Gel, by I.
Higuchi.

JAPANESE, per, Bulletin of the Institute for Physical
and Chemical Research, Vol XXI, No 21, 1947, pp 1138 -
1146. CIA D 440387

634092

AEC Tr 507

Scientific - Physics

REF ID: A4 I.

Sci Info Ser - Canada

CIA No 634092

July 1951 CTB

A-4111

Higuchi, Izumi, Ushigi, Yataroo, and Suzuki, Reiko.
SORPTION AND DESORPTION EQUILIBRIUM OF
VAPORS ON POROUS VYCOR GLASS. [1963] [22p]
(foreign text included) 13refs
Order from SLA \$2.60

TT-63-20713

Trans. of Nihon Kagaku Zasshi (Japan) 1961, v. 82,
no. 12, p. 1620-1624. (Abstract available)

DESCRIPTORS: *Glass, Porosity, *Vapors, Sorption,
Silicon compounds, Dioxides, Structural properties,
Chemical equilibrium, Hysteresis.

Isothermal sorption and desorption curves were
measured (plotted) for benzene, methanol and water
at 0° C and for oxygen at -192° C on porous Vycor
glass. The theoretical isothermal curves for capillary
condensation on the sorbent, which is composed of
densely packed spheres of equal radius, were found to
(Materials--Ceramics, TT, v. 11, no. 9) (over)

TT-63-20713

1. Title: Vycor glass

2. Title: Desorption

I. Higuchi, I.

II. Ushigi, Y.

III. Suzuki, R.

Office of Technical Services

Hirschberg, Rudolf.

ON A PROCESS FOR THE CONTINUOUS MANUFACTURE OF CHLORINE DIOXIDE FROM SODIUM CHLORATE AND SULFUR DIOXIDE (Über ein Verfahren zur kontinuierlichen Herstellung von Chlordioxyd aus Natriumchlorat und Schwefeldioxyd). [1963] [16p] (foreign text included) 25 refs
Order from SLA \$1.60

TT-63-20576

Reprint trans. of das Papier (West Germany) 1962, v. 16, no. 9, p. 419-423. (Abstract available)

DESCRIPTORS: *Industrial production, *Chlorine compounds, Dioxides, Sodium compounds, Chlorates, Sulfur compounds, Chemical reactions, *Bleaching agents.

The paper describes the successful industrial production of chlorine dioxide in a 4 stage continuous process through the reaction of NaClO_3 , SO_2 and H_2SO_4 . The (Engineering--Chemical, TT, v. 11, no. 4) (over)

TT-63-20576

I. Hirschberg, R.

11-05082

Office of Technical Services

Dielectric Properties of Substances in the Sorbed State,
by Izumi Higuchi.

JAPANESE, Bulletin of the Institute for Physical and
Chemical Research, Vol XX, No 11, Tokyo, 1941, pp
489-513.

AEC Tr 378

(Dex-Scientific Information Service, Canada)

Scientific-Physics

DRB T. 12 J.
CIA D 400-321

S. L. H. J.

Japan

A-4110

March 1951 CTS

Investigation of the Calcium and Hydrogen System,
III. A Theoretical Consideration of the Mechanism
Involved in the Growth of Nuclei Consisting of
Calcium Hydride or Deuteride, by Izumi Higuchi,
Yoshi Kavana, 6 pp.

JAPANESE, per, Nihon Kagaku Zasshi (J Chem Soc Japan,
Pure Chem Sect), Vol LXXI, 1950, pp 624-627.

Assoc Tech Sv 11-1452
Assoc Tech Sv 11-46232
SLA-ATS-46E2J

10,057

Scientific - Chemistry
CTS/DEX

III Refinement of Mother Liquid of Nitration
of Lignite, by K. Higuchi, et al.

JAPANESE, per, Journal of the Fuel Society
of Japan, Vol XXXIV, 1956, pp ~~647~~ 647-649.

CSIRO

Sci - Chem
Aug 62

211, 237

Study on the Delinquency of Mental Defectives
and the Predictive Factor of Recidivism,
by K. Higuchi, 34 pp.

JAPANESE, per, Psychiatria et Neurologia
Japonica, Vol LX, No 4, 1958, pp 109-120.

NIH 10-11-63

Sci - Biol & Med
Nov 63

243,569

Study of Mentally Defective Sex Delinquents, by
K. Higuchi. 25 pp.
JAPANESE, per, Kyosei Igaku, Vol 7, No 1, 1958,
pp 40-52.

CFSTI TT-63-27742

NIH -10-9-63

also Rev. *Journal of Correctional Medicine*
K. Higuchi

Sci/B&M

Jul 66

305,916

Measurement of the Mass and Number of Falling
Snow Crystals in the Atmosphere, by Motoi Kumai,
Keiji Higuchi, 21 pp.

JAPANESE, per, Journal of Meteorological Society,
Vol XXX, No 11, Nov 1952.

USN, Radiological Def Lab

3-222

, Navy TR

Sci - Geophysics, meteorology, snow

27, 916

A Consideration of the Mechanism of Reduction
of Silver Chloride By Hydrogen and Deuterium
on the Basis of the Absolute Reaction Rate,
by Isumi Higuchi, 8 pp

JAPANESE, per, Bull Inst Phys Chem Research
Tokyo, No 21, 1942, pp 843-848.

Assoc Tech Serv 118-1441
Assoc Tech Sv No 1605J
AEC Tr No 2117

23,558

Scientific - Chemistry

May 55 CTS

AEC-tr-4482(p.1254-60) Uncl.

ON HISTOLOGIC CHANGE OF A FEW ENDOCRINE ORGANS
IN THYROID FUNCTION ABNORMALITY. S. H. Higuchi
and Y. T. Itto.

C-23 P NSA

*Second Japan Conference on
Radioisotopes, Feb. 1958*

N-4

Biochemical Study of Wood-Rotting Fungi (3) "In Vitro" Experiment of Bavendam's Reaction by Using α -Naphthol Reagent, by T. Higuchi, 6 pp.

JAPANESE, per, J. Japan Foren Soc, Vol XXXVI, No 1, 1954, pp 22-24.

SLA 57-1132

Sci - Chemistry
Oct 57

54,432

AEC-tr-4482(p.1254-60) Uncl.

ON HISTOLOGIC CHANGE OF A FEW ENDOCRINE ORGANS
IN THYROID FUNCTION ABNORMALITY. S. H. Higuchi
and Y. T. Itto.

C-23 P NSA

*Land Japan Conference on
Radioisotopes, Feb 1958*

N-4

Vinyl Polymerization. Pt. 36, Copolymerization
of Acrylamide with Acrylic Acid, by
Minoru Imoto, Takayoshi Otsu, Taiichi Higuchi,
14 p.

JAPANESE, per, Kobunshi Kagaku, 1959, Vol XVI,
No 169, pp 324-329.

SLA 60-10116

Sci
Apr 60
Vol III, No 3

112,080

(2553-D)

China's Cultural Revolution and Technical Reforms,
by Hijiwa Junryo, 65 pp.

JAPANESE, per, Chugoku Shiryō Gappo, No 127, Tokyo,
1958, pp 1-25.

JPRS 613-D

FE - China
Soc - culture, education
May 59

86,409

Colorimetric Micro-Analysis of Boron With
Curcumin, by I. Muraki, K, Hiro.

JAPANESE, per, Chemical Society of Japan,
Pure Chemistry Section, Vol LXXVIII,
1957, pp 845-854.

CHIRO

Sci - Chem
Jul 62

204. 925

¹
The Use of the Heat Pump in Distillation, by D.
Rijmans.

DUTCH, per. Ingenieur, Vol LXVIII, No 46, Nov
1956, pp 73-80.

ASLIB-GB39

Sci

Aug 58

71,353

The Diagnostic Value of Antinuclear
Factors Demonstrated by Means of
Fluorescent Antibodies, by W. Hijmans,
et al.

DUTCH, per, Nederl T Geneesk, No 106,
1962, pp 2097-2101.
RHH 4-41-65

Sci-B&M
May 65

280,778

Several Properties of Vocal Cord Vibrations Observed
From the Vibrations of the Tracheal Outer Wall, by
S. Hiki, T. Sugimoto, SPP.

JAPANESE, rpt, Radio Communications Research Center,
1961. 9689727.

Emmanuel Coll Res Lang Ctr
E - T - J - 63 - 4

Sci - Biol & Med Sci
Jan 64

246,130

Has North Korea Recovered? by Toshikazu HIKI.

Full tr

JAPANESE, no par, Tairiku Mondai, Feb 1957,
pp 33-40. (EDC - Feb 1957)

500th MI Sv Gp
Tr No 93361

FE - Japan; China
Econ; Pol; Mil
Feb 1957 CTS/dex

44, 218

HIKIDA, T.
COMBUSTION RAPIDE ET DÉTONATION (Rapid Combustion and Detonation). 14p. CNRS-VI 251.
Order from OIS, ETC or CNRS \$0.80 TT-52-28064

Trans. in French of Nenryo Kyokai-Shi (Japan), 1957, v. 36, p. 475-479.

DESCRIPTORS: Combustion, *Detonations, Flame propagation, Synthesis, Chemical reactions.

(Chemistry, ET, v. 11, no. 7)

TT-52-28064

I. HIKIDA, T.
II. CNRS-VI 251
III. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translation Centre

Freezing of Gelatinous Precipitates. II. Properties of Alumina Obtained by Means of Freezing Method and note on the Interfering Action of Sulphate Ion for the Catalytic Dehydration Reaction, by Seichiro Hikime.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol LIX, No 6, 1956, pp 602-.

104

Hyopeller Forces Monitoring Rudder Vibration, by
M. Takagi, M. Hikino.

JAPANESE, per. ~~Japanese~~ ~~English~~, Vol. 114,
1964, p 51.

ALL Ref: 9022.065 (2575)

M. HIKINO

Sci-Tech Engr

Aug 68

163.673

The ~~Life~~ of Salmon Eggs and Fry by Pseudocyclops
Fishes, by Toyosuke Hikita, Ariaki Nagasawa.

JAPANESE, per, Scientific Reports Hokkaido Salmon
Hatchery, No 15, 1961, pp 69-83.

Biological Lab
Bur of Commerical Fisheries
Seattle, Washington

Sci 3101

128,324

Mar 62